

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103142.D
 Acq On : 21 Feb 2018 17:52
 Operator : SJ/JU
 Sample : J1623-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 22 00:36:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

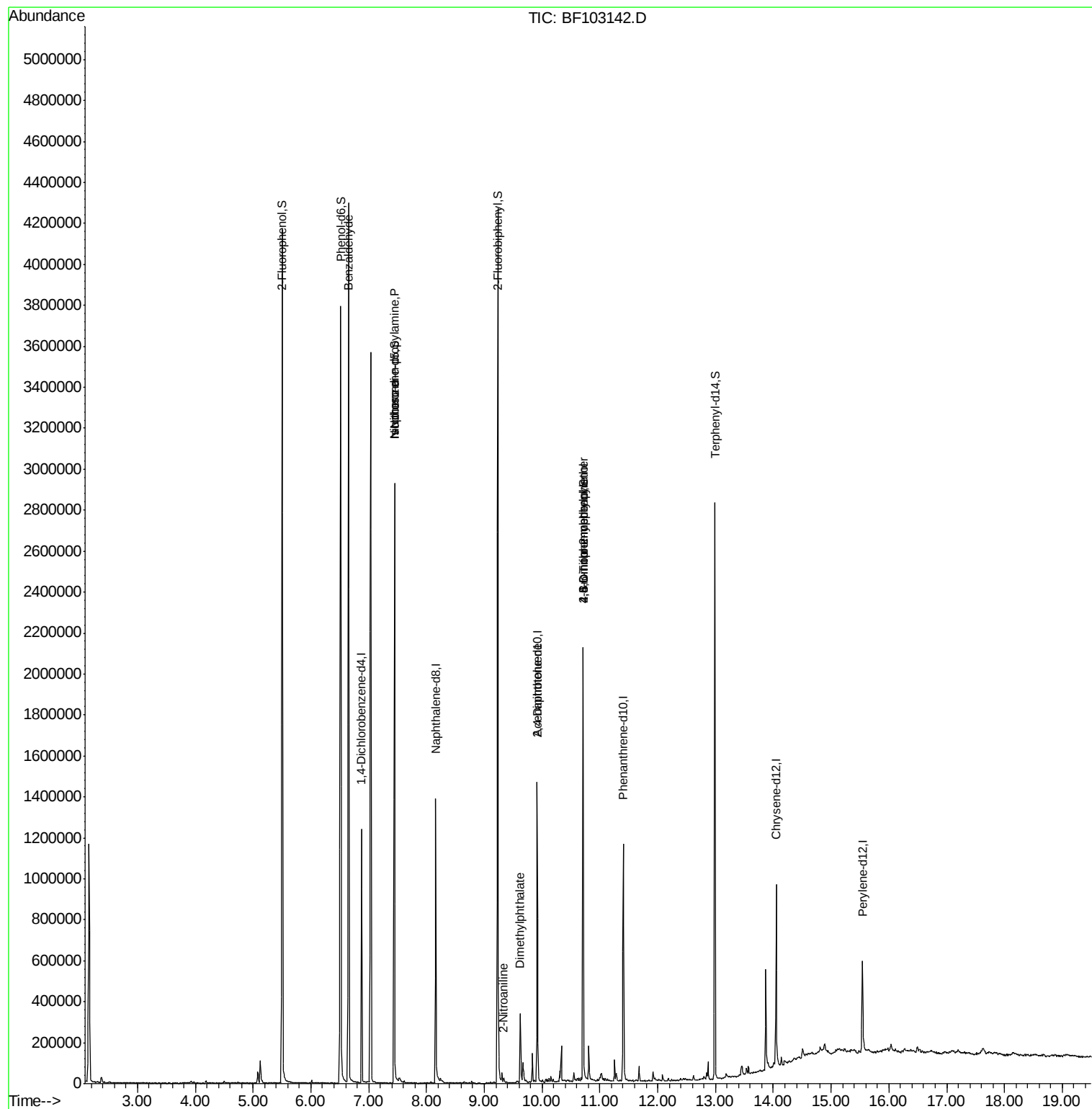
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166620	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	686759	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	280934	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	408345	20.00	ng	0.00
75) Chrysene-d12	14.05	240	292460	20.00	ng	0.00
86) Perylene-d12	15.54	264	225271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1304924	118.94	ng	0.01
7) Phenol-d6	6.52	99	1559901	118.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	987293	99.73	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	263967	116.74	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1450003	85.65	ng	0.00
78) Terphenyl-d14	12.99	244	1007058	81.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	27197	2.772	ng	84
19) n-Nitroso-di-n-propylamine	7.45	70	130735	15.010	ng	# 79
25) Isophorone	7.45	82	987285	43.310	ng	# 64
47) 2-Nitroaniline	9.34	65	107	3.489	ng	# 2
49) Dimethylphthalate	9.63	163	146523	6.689	ng	100
56) 2,4-Dinitrotoluene	9.92	165	34867	8.914	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	203	8.903	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	17367	4.021	ng	# 1

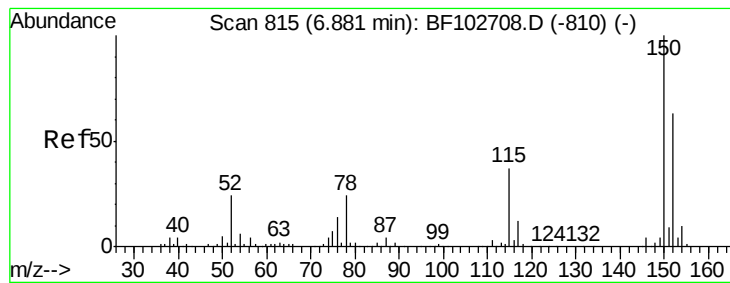
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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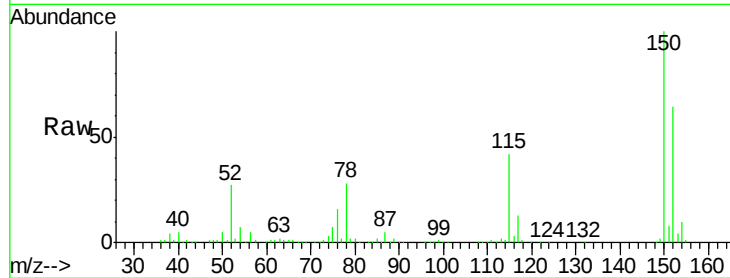


#1

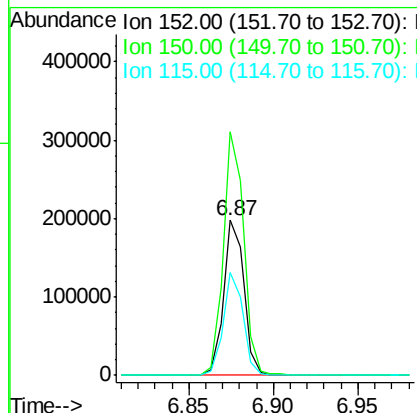
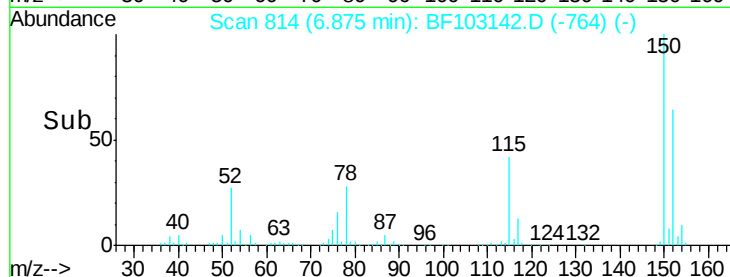
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166620
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 66.2 50.1 75.1



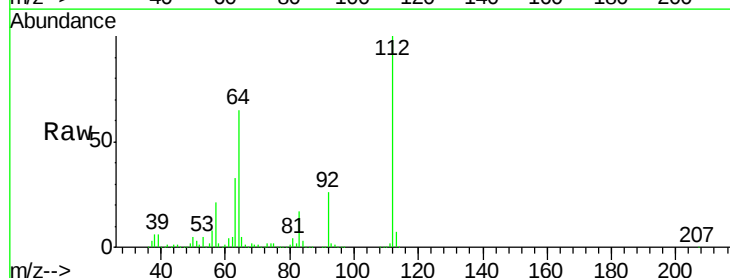
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



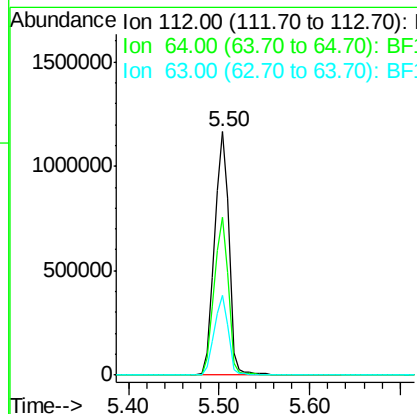
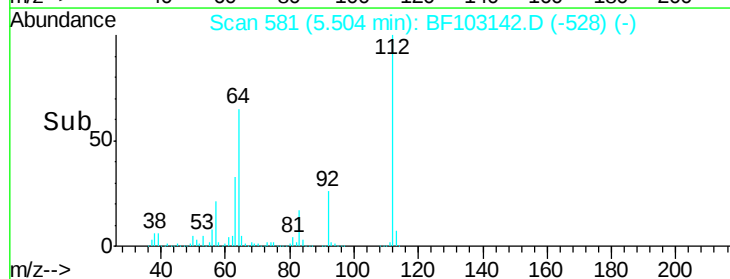
#5

2-Fluorophenol
Concen: 118.938 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion:112 Resp: 1304924
Ion Ratio Lower Upper
112 100
64 65.1 47.9 71.9
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.081 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103142.D

Acq: 21 Feb 2018 17:52

Instrument :

BNA_F

ClientSampleId :

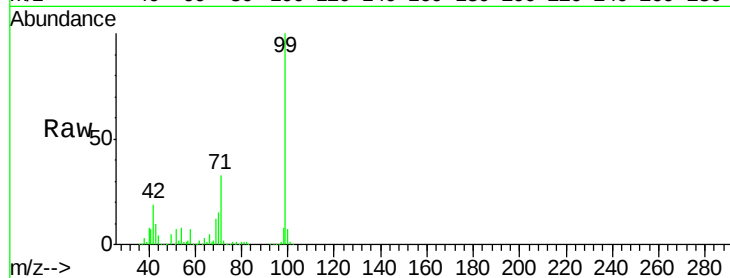
Tot Ion: 99 Resp: 1559901

Ion Ratio Lower Upper

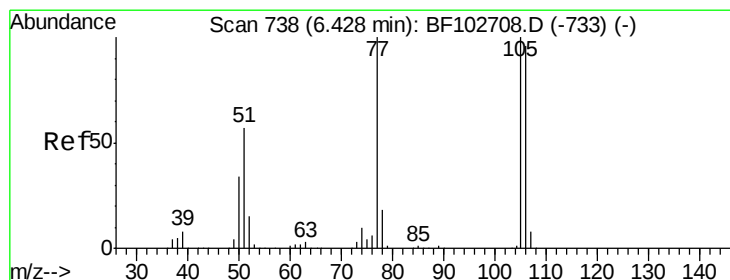
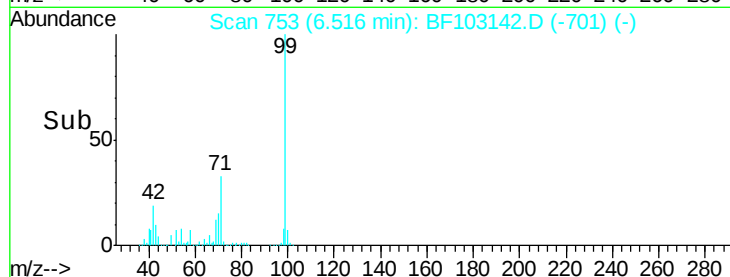
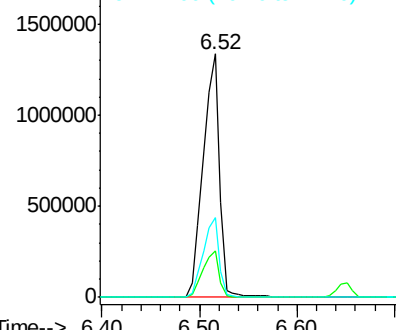
99 100

42 18.9 14.5 21.7

71 32.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.772 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.22 min

Lab File: BF103142.D

Acq: 21 Feb 2018 17:52

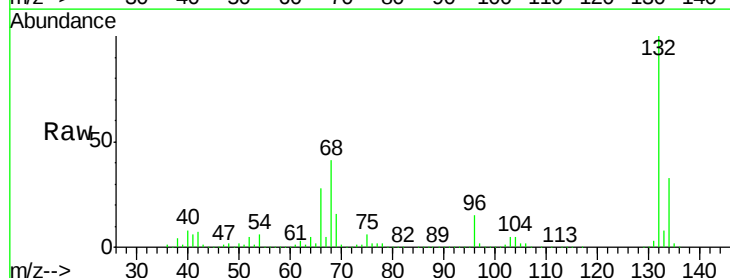
Tgt Ion: 77 Resp: 27197

Ion Ratio Lower Upper

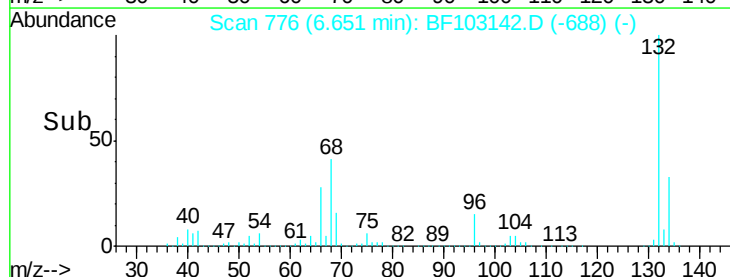
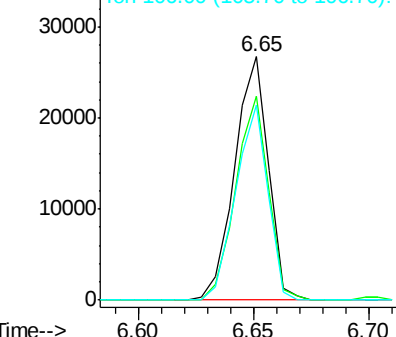
77 100

105 83.6 81.1 121.1

106 80.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

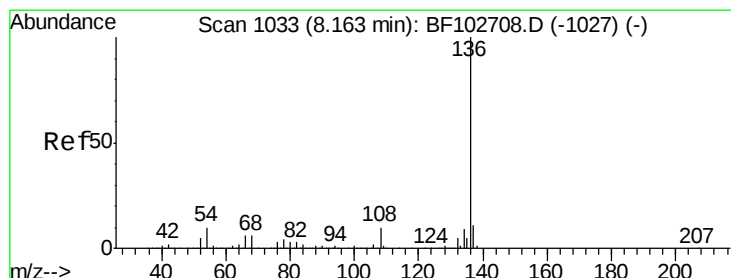
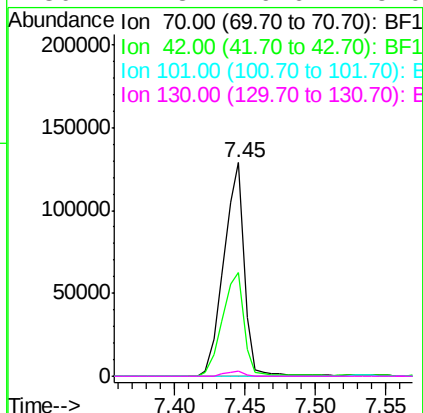
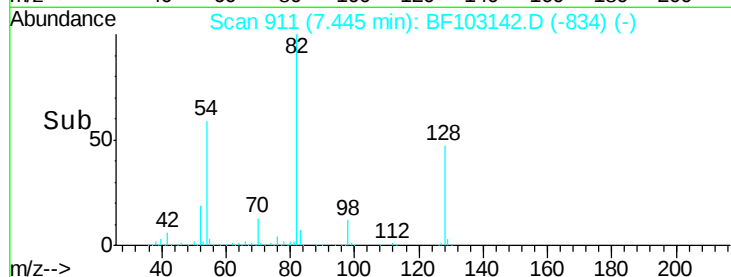
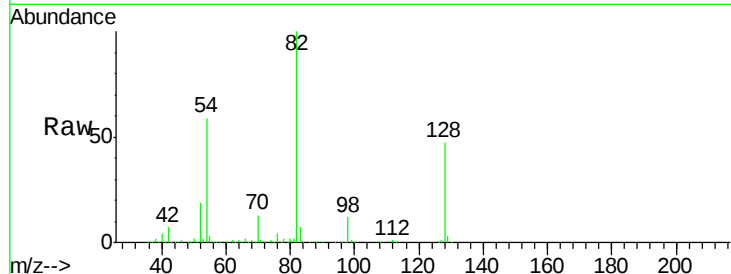




#19
n-Nitroso-di-n-propylamine
Concen: 15.010 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

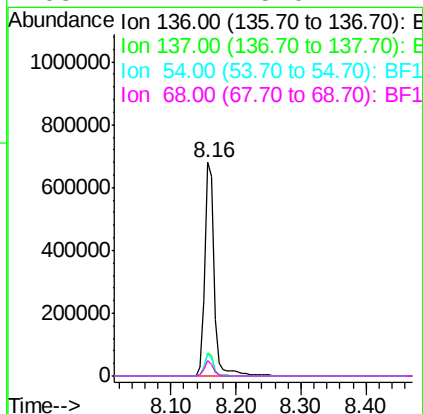
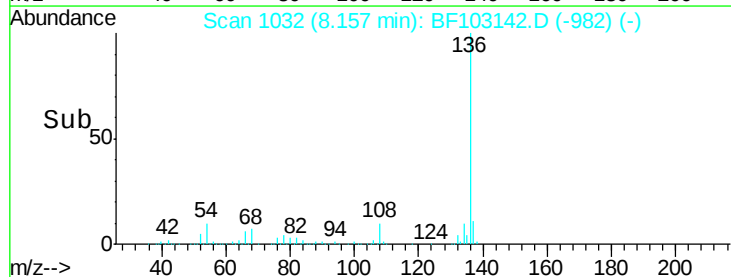
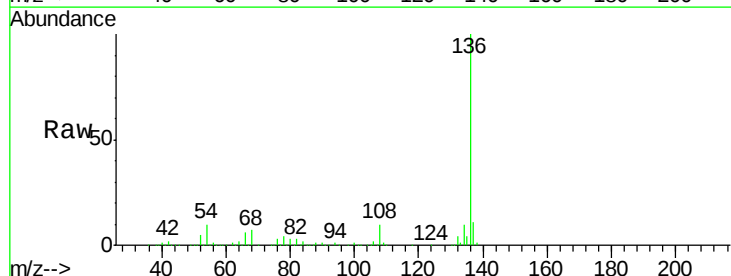
Instrument :
BNA_F
ClientSampleId :

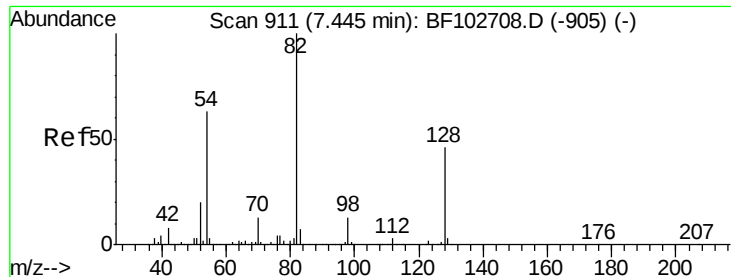
Tot Ion: 70 Resp: 130735
Ion Ratio Lower Upper
70 100
42 48.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion:136 Resp: 686759
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.1 6.6 9.8#
68 7.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.728 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF103142.D

Acq: 21 Feb 2018 17:52

Instrument :

BNA_F

ClientSampleId :

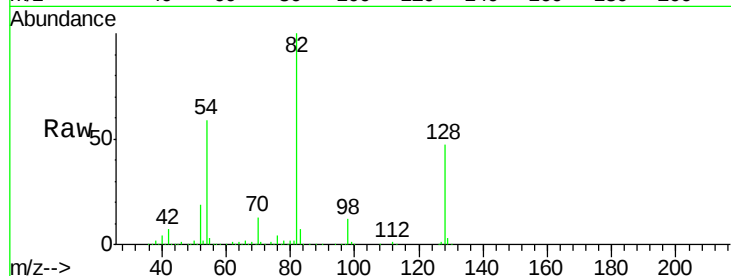
Tot Ion: 82 Resp: 987293

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

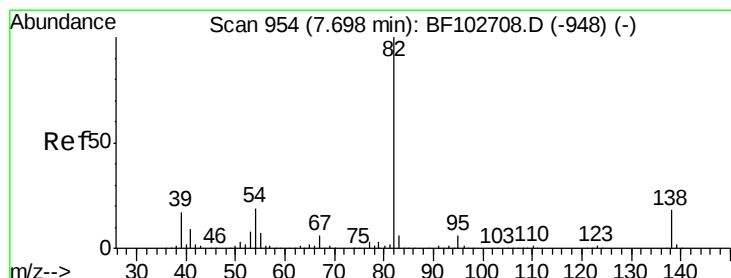
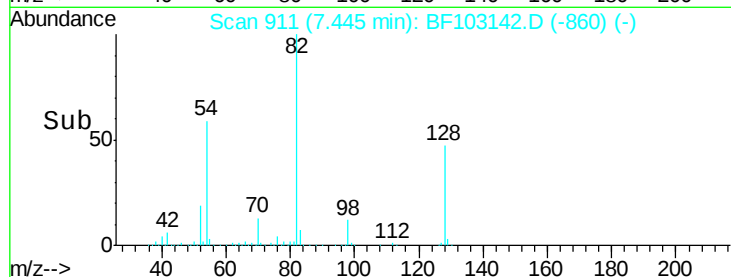
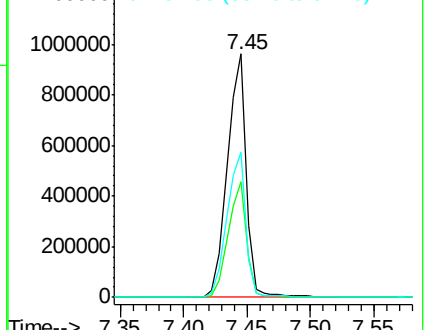
54 59.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 43.310 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.25 min

Lab File: BF103142.D

Acq: 21 Feb 2018 17:52

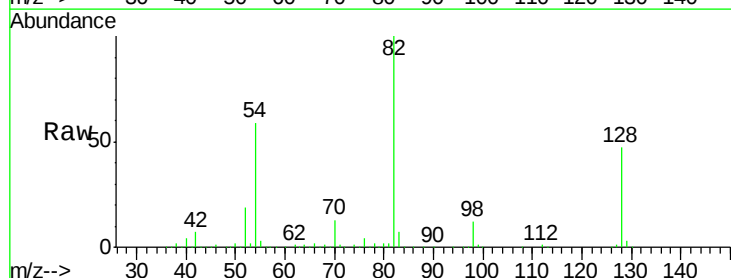
Tgt Ion: 82 Resp: 987285

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

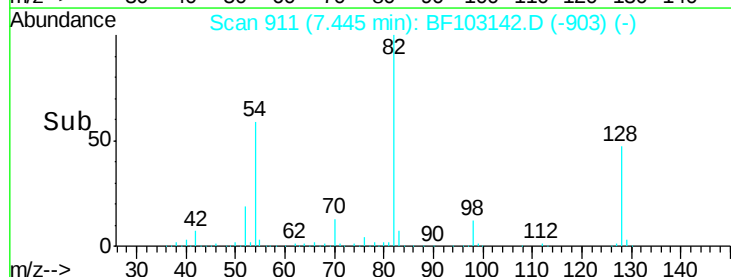
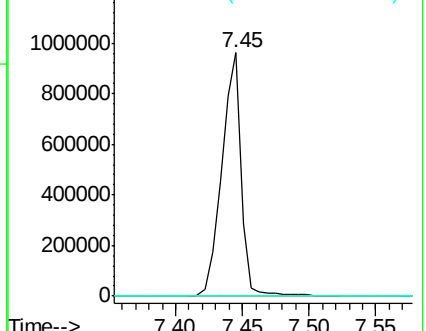
138 0.0 14.9 22.3#

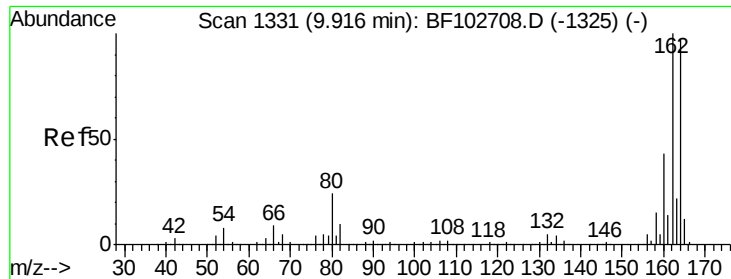


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

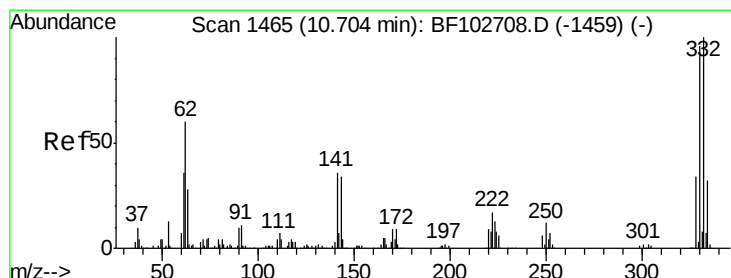
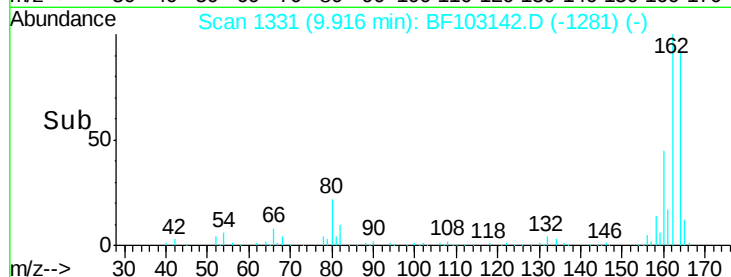
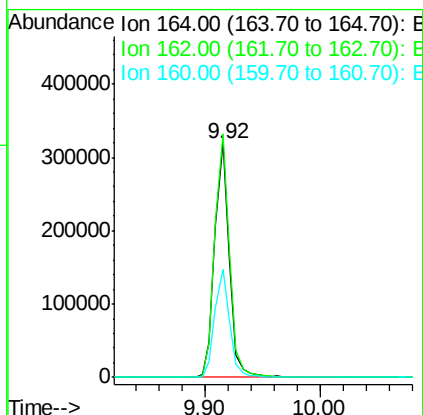
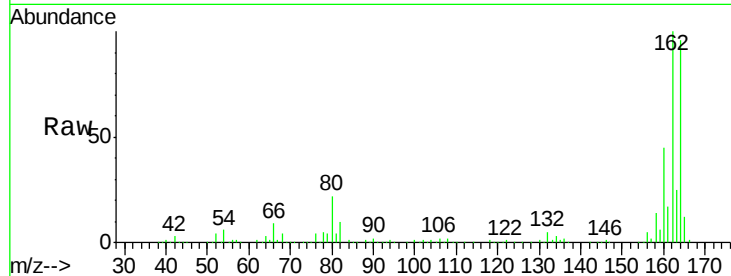




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103142.D
 Acq: 21 Feb 2018 17:52

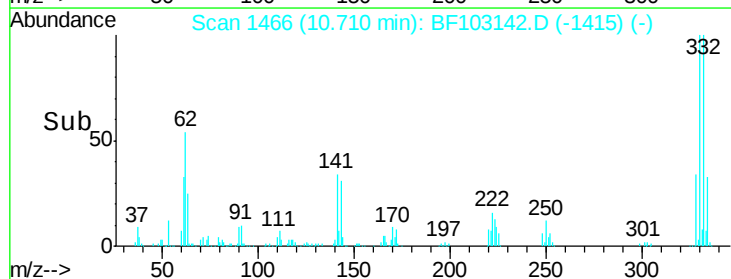
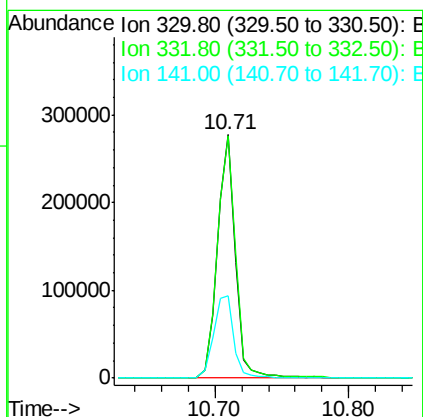
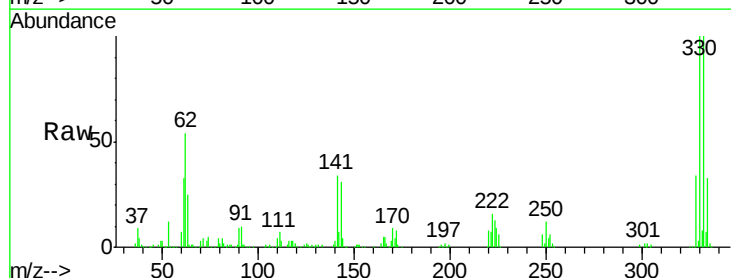
Instrument :
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 ClientSampleId :

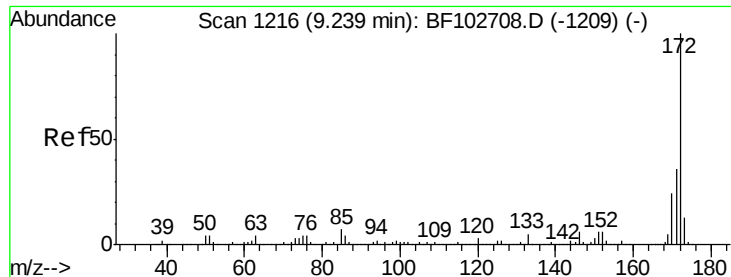
Tot Ion:164 Resp: 280934
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.738 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103142.D
 Acq: 21 Feb 2018 17:52

Tgt Ion:330 Resp: 263967
 Ion Ratio Lower Upper
 330 100
 332 102.0 77.0 115.6
 141 38.7 29.9 44.9

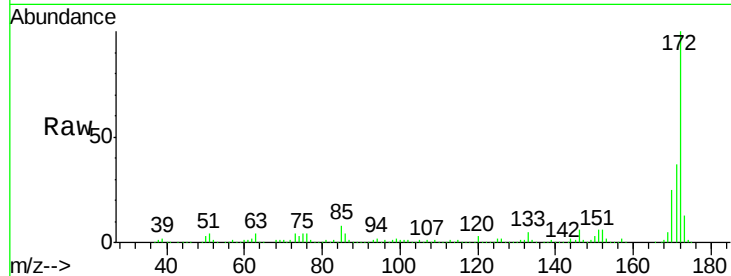




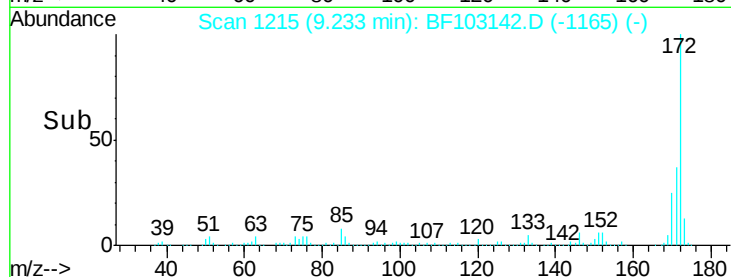
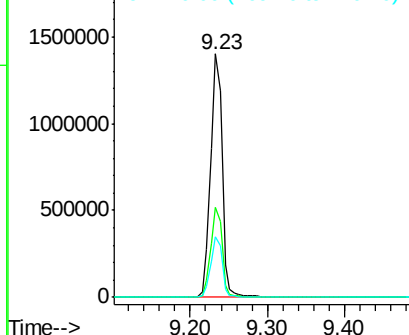
#44
 2-Fluorobiphenyl
 Concen: 85.645 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103142.D
 Acq: 21 Feb 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1450003
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.7 19.6 29.4

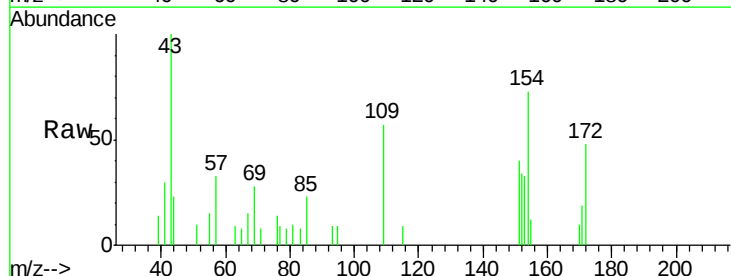


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

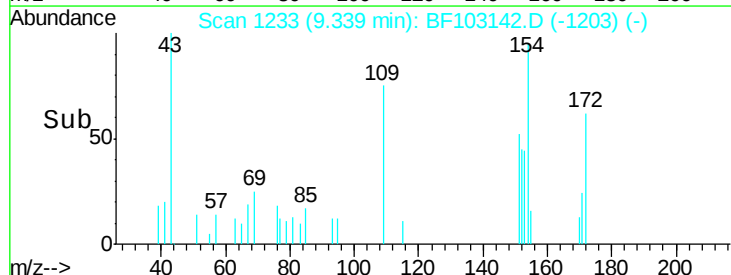
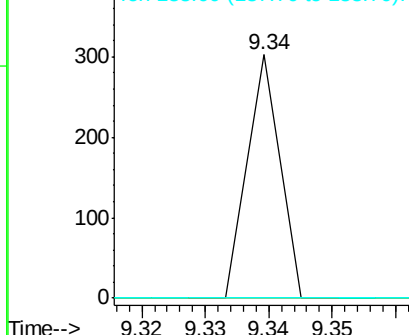


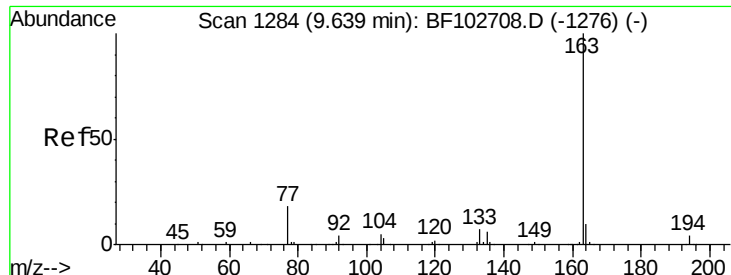
#47
 2-Nitroaniline
 Concen: 3.489 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.12 min
 Lab File: BF103142.D
 Acq: 21 Feb 2018 17:52

Tgt Ion: 65 Resp: 107
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

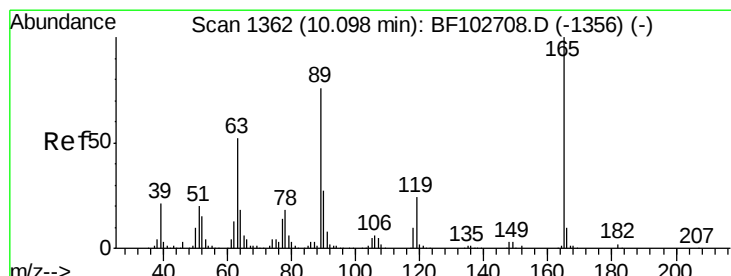
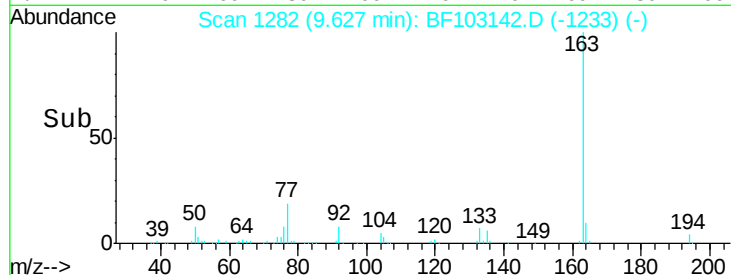
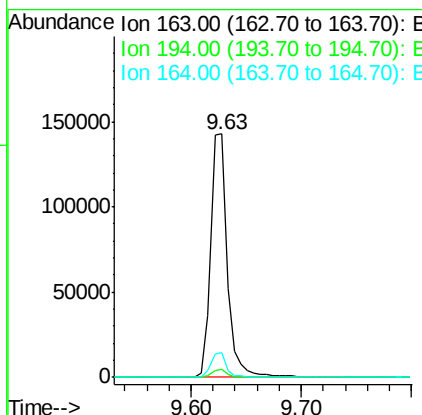
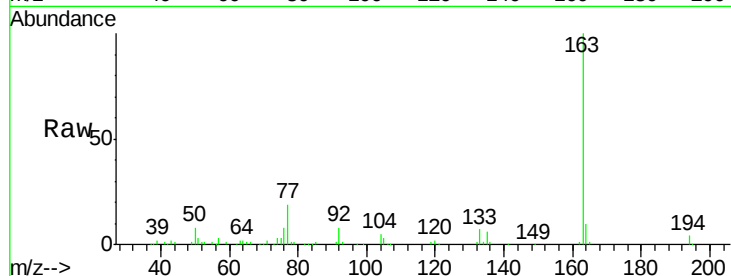




#49
Dimethylphthalate
Concen: 6.689 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

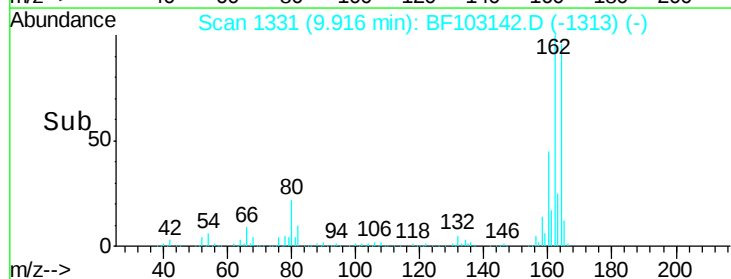
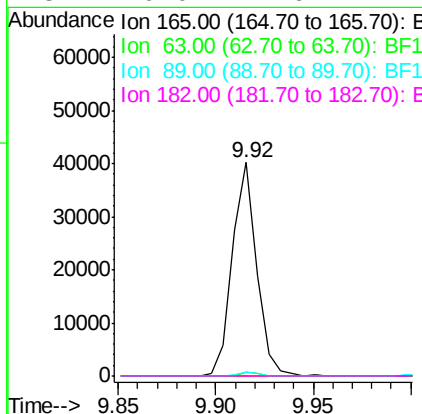
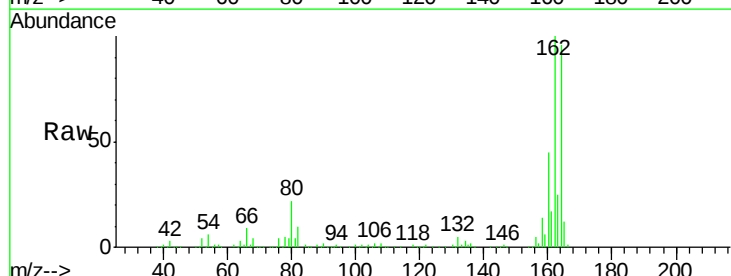
Instrument :
BNA_F
ClientSampleId :

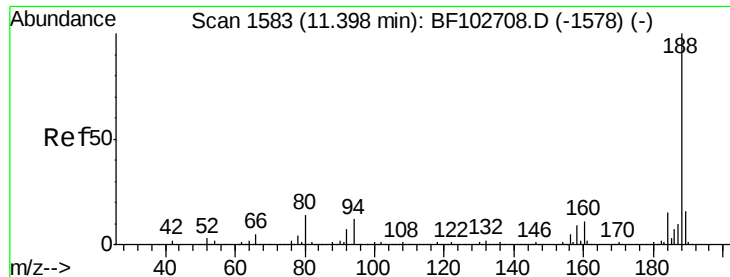
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 8.914 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

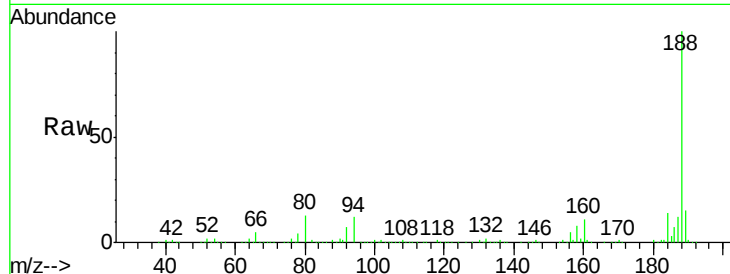




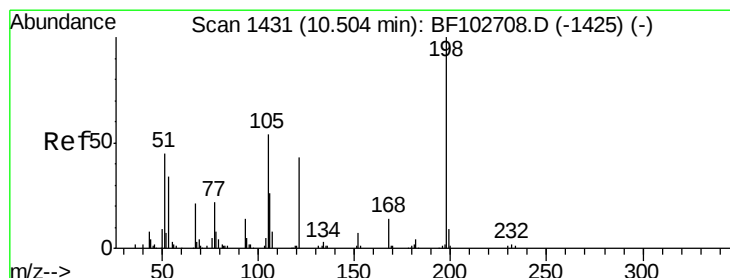
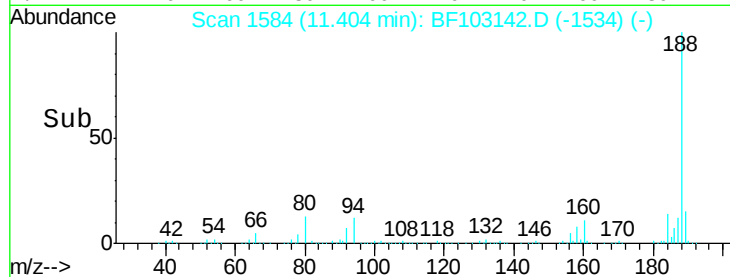
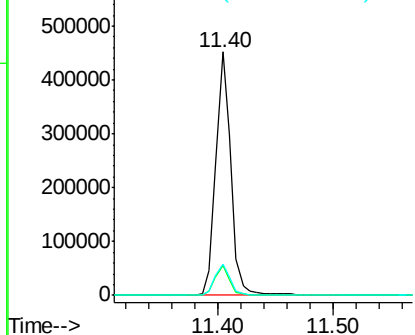
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103142.D
 Acq: 21 Feb 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 408345
 Ion Ratio Lower Upper
 188 100
 94 12.4 8.5 12.7
 80 12.8 9.2 13.8

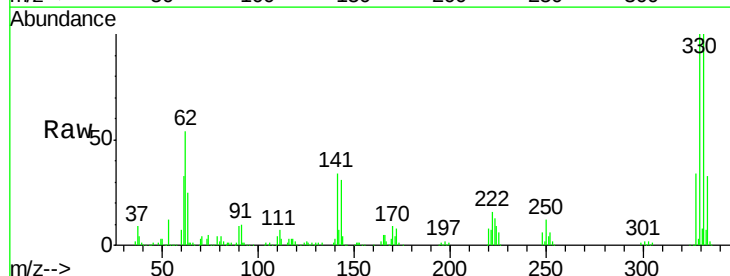


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

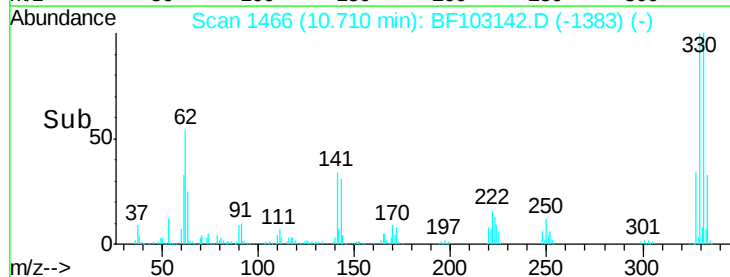
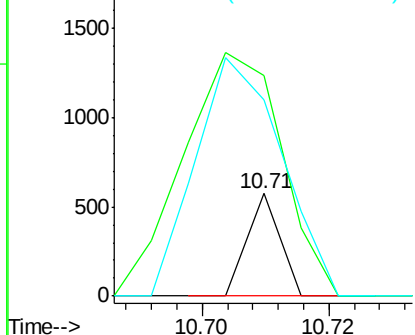


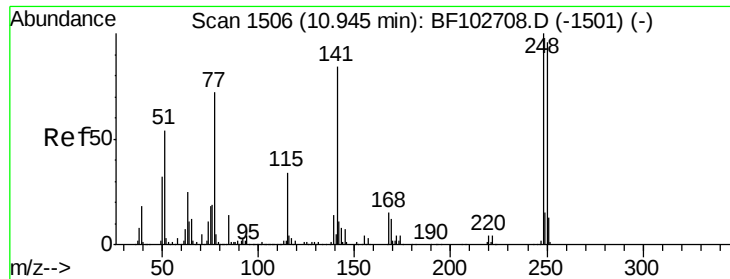
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.903 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF103142.D
 Acq: 21 Feb 2018 17:52

Tgt Ion:198 Resp: 203
 Ion Ratio Lower Upper
 198 100
 51 214.6 37.7 77.7#
 105 191.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

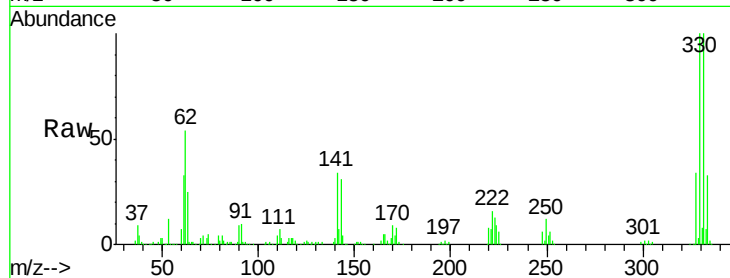




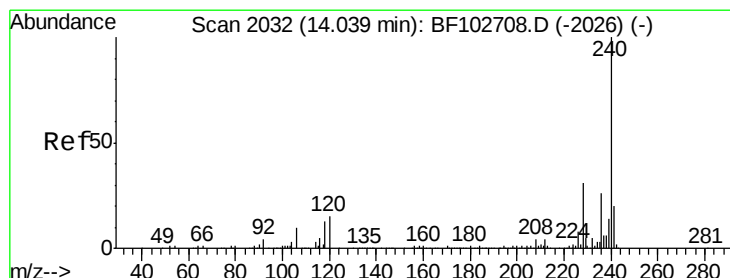
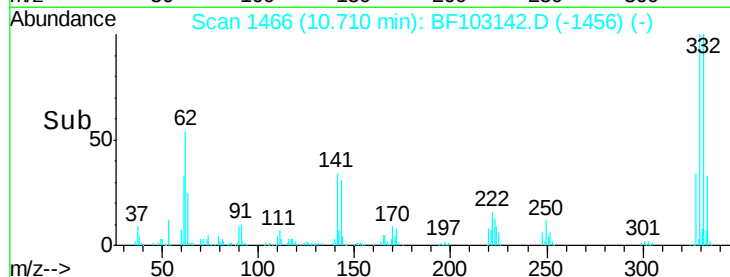
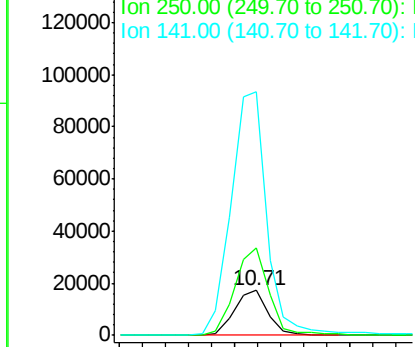
#66
 4-Bromophenyl-phenylether
 Concen: 4.021 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103142.D
 Acq: 21 Feb 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17367
 Ion Ratio Lower Upper
 248 100
 250 193.7 76.9 115.3#
 141 541.2 74.4 111.6#

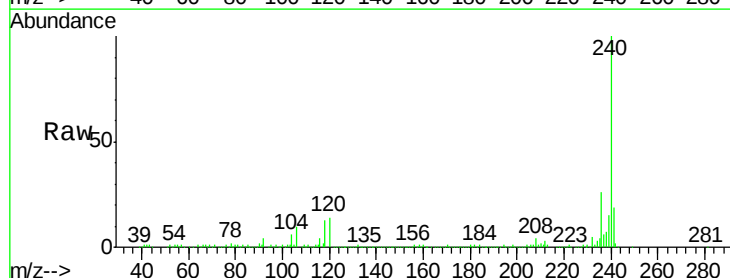


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

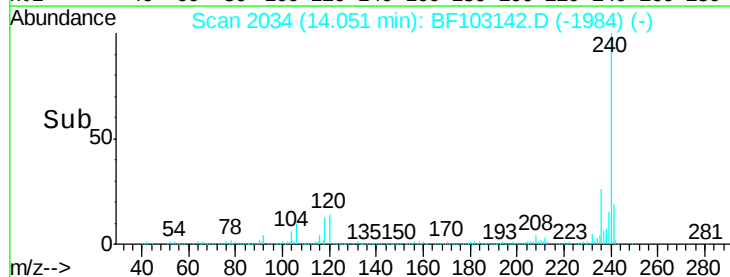
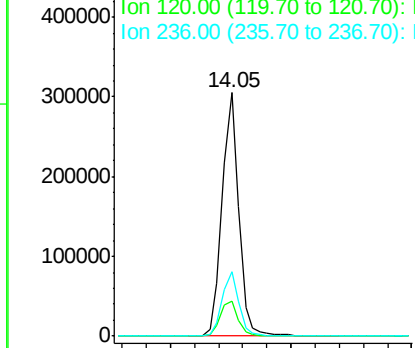


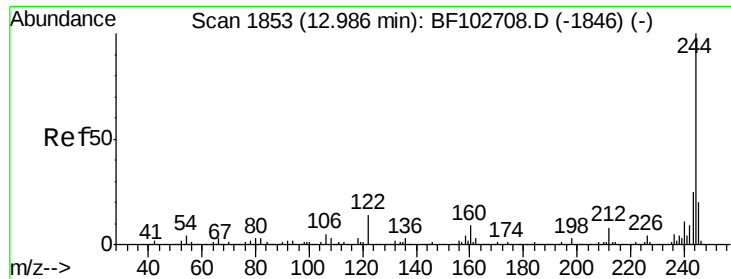
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF103142.D
 Acq: 21 Feb 2018 17:52

Tgt Ion:240 Resp: 292460
 Ion Ratio Lower Upper
 240 100
 120 14.3 9.5 14.3#
 236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.532 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103142.D

Acq: 21 Feb 2018 17:52

Instrument :

BNA_F

ClientSampleId :

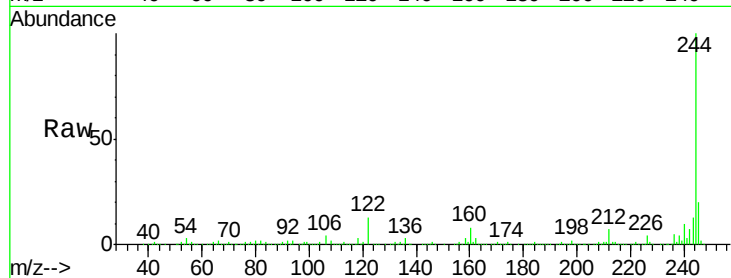
Tot Ion:244 Resp: 1007058

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

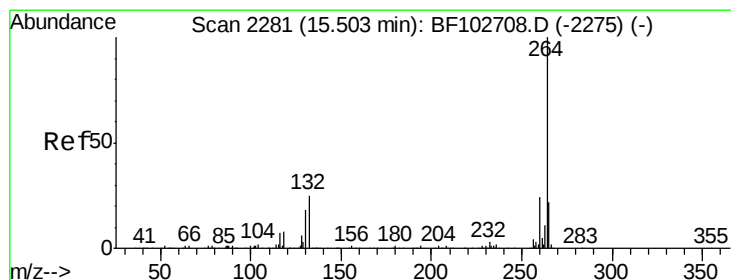
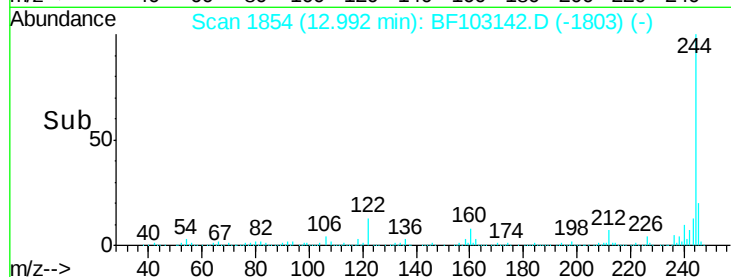
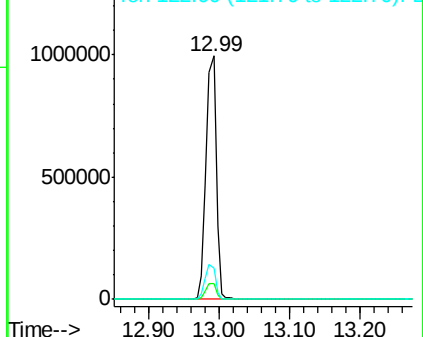
122 13.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF103142.D

Acq: 21 Feb 2018 17:52

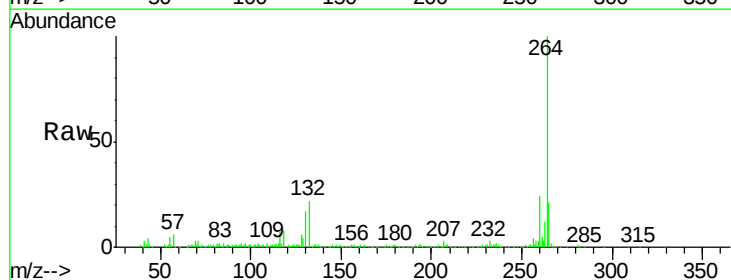
Tgt Ion:264 Resp: 225271

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

